

Page 23, line 8, please change "fibres" to -- fibers -- ;

line 21, please change "fibres" to -- fibers -- ;

line 25, please change "fibres" to -- fibers -- ;

line 28, please change "fibres" to -- fibers -- .

Page 24, line 1, please change "fibres" (both occurrences) to  
-- fibers -- .

Page 25, line 11, please change "fibre" to -- fiber -- ;

line 14, please change "fibre" to -- fiber -- ;

line 15, please change "fibres" to -- fibers -- ;

line 20, please change "fibre" to -- fiber -- ;

line 23, please change "fibres" to -- fibers -- ;

line 26, please change "fibres" to -- fibers -- .

**In the Claims:**

Please cancel claims 1-24 and replace with new claims 25-45.

A1

25. (New) An ultrahigh frequency emitting device, having a plurality of N laser-emitter pairs, each said laser emitter pair having a first and a second laser emitter emitting at a first and a second frequency  $\omega_1$ ,  $\omega_2$ , respectively, which are different; a number of N elements, each being placed in the path of said second laser emitter of one of said laser emitter pairs, and each said element adapted to impose a phase delay on the beam of said second laser emitter; means for slaving each said laser emitter pair, in a frequency-wise manner and phase-wise manner, and optionally in an amplitude-wise manner; a number of N means for mixing each of the beams emitted by said first emitters with each of the beams emitted by said second emitters, and delayed by said elements thereby imposing a phase delay, and producing a number of N signals at the frequency  $\omega_1 - \omega_2$ ; and a number of N antenna-forming means for emitting radiation at the frequency  $\omega_1 - \omega_2$ .

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